CITY OF RALEIGH
Perfluorinated Compounds Data Results

Units: ng/L

Perfluorinated Compounds Contaminant	Method	EPA MRL	EMJWTP 6/10/13	EMJWTP 9/12/13	EMJWTP 12/9/13	EMJWTP 3/13/14	Health Advisory Levels
perfluorooctane sulfonic acid (PFOS)	EPA 537	40	ND	ND	ND	ND	70
perfluorooctanoic acid (PFOA)	EPA 537	20	ND	ND	ND	ND	70
perfluorononanoic acid (PFNA)	EPA 537	20	ND	ND	ND	ND	NA
perfluorohexane sulfonic acid (PFHxS)	EPA 537	30	ND	ND	ND	ND	NA
perfluoroheptanoic acid (PFHpA)	EPA 537	10	ND	ND	ND	ND	NA
perfluorobutane sulfonic acid (PFBS)	EPA 537	90	ND	ND	ND	ND	NA

Perfluorinated Compounds Contaminant	Method	EPA MRL	DEBWTP 6/10/13	DEBWTP 9/12/13	DEBWTP 12/9/13	DEBWTP 3/13/14	Health Advisory Levels
perfluorooctane sulfonic acid (PFOS)	EPA 537	40	ND	ND	ND	ND	70
perfluorooctanoic acid (PFOA)	EPA 537	20	ND	ND	ND	ND	70
perfluorononanoic acid (PFNA)	EPA 537	20	ND	ND	ND	ND	NA
perfluorohexane sulfonic acid (PFHxS)	EPA 537	30	ND	ND	ND	ND	NA
perfluoroheptanoic acid (PFHpA)	EPA 537	10	ND	ND	ND	ND	NA
perfluorobutane sulfonic acid (PFBS)	EPA 537	90	ND	ND	ND	ND	NA

Perfluorinated Compounds Contaminant	Method	Eurofins MRL	EMJWTP 10/5/17	DEBWTP 10/5/17	Health Advisory Levels
N-ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	EPA 537	2	ND	ND	NA
N-methyl Perfluorooctanesulfonamideoacetic Acid (NMeFOSAA)	EPA 537	2	ND	ND	NA
Perfluorobutanesulfonic acid (PFBS)	EPA 537	2	3.1	3.1	NA
Perfluorodecanoic acid (PFDA)	EPA 537	2	ND	ND	NA
Perfluoroheptanoic acid (PFHpA)	EPA 537	2	ND	ND	NA
Perfluorohexanesulfonic acid (PFHxS)	EPA 537	2	ND	ND	NA
Perfluorohexanoic acid (PFHxA)	EPA 537	2	2.2	3.6	NA
Perfluorolauric acid (PFDoA)	EPA 537	2	ND	ND	NA
Perfluoromyristic acid (PFTA)	EPA 537	2	ND	ND	NA
Perfluorononanoic acid (PFNA)	EPA 537	2	ND	ND	NA
Perfluorooctane sulfonate (PFOS)	EPA 537	2	5.7	2.4	70
Perfluorooctanoic acid (PFOA)	EPA 537	2	3.2	3.0	70
Perfluorotridecanoic acid (PFTrDA)	EPA 537	2	ND	ND	NA
Perfluoroundecanoic acid (PFUnA)	EPA 537	2	ND	ND	NA
GenX	EPA 537	5	ND	ND	NA
ADONA	EPA 537	2	ND	ND	NA
F-53B Major	EPA 537	2	ND	ND	NA
F-53B Minor	EPA 537	2	ND	ND	NA

ND = Non Detect

NA = Not Available

Note:

Minimum Reporting Level (MRL) is the minimum concentration that can be reported as a quantitated value for a method analyte in a sample following analysis. This defined concentration can be no lower than the concentration of the lowest calibration standard for that analyte and can be used if acceptable QC criteria for this standard are met. It is the less than/non detect value reported when an analyte either is not detected or is detected at a concentration less than the MRL.

Please note that the MRL may be established by a laboratory for their specific purpose or may be set by a regulatory agency. The above results are representative data of EPA set MRLs and Eurofins Analytical Labortory set MRLs for Perfluorinated compounds.